

**WHAT IS CLAIMED IS:**

1. A piston structure of an engine, comprising a plurality of through holes passing through from a bowl in an upper side of a piston to a lateral side of said piston.
- 5 2. The structure as defined in claim 1, wherein said through hole is shaped as a linear passage upwardly slanted from said bowl toward a top land of said piston.
3. The structure as defined in claim 1, wherein said through hole has a larger diameter at said bowl side and said through hole gets linearly smaller in diameter from said bowl to the lateral side of said piston.
- 10 4. The structure as defined in claim 1, wherein said through hole is shaped as a curved passage, upwardly formed from said bowl toward a top land of said piston.
5. A piston structure, comprising:
  - a piston head with top and lateral side surfaces;
  - 15 a bowl formed in the top side surface; and
  - a plurality of holes formed through the piston head extending from a lower region in said bowl upwardly and outwardly to open at the lateral side surface of the piston head.
- 20 6. The piston structure of claim 5, wherein said plurality of holes have a first opening cross-section in said bowl and gradually decrease in cross-section to a second smaller cross section exiting on said lateral side.